

FIG. 1

2/10

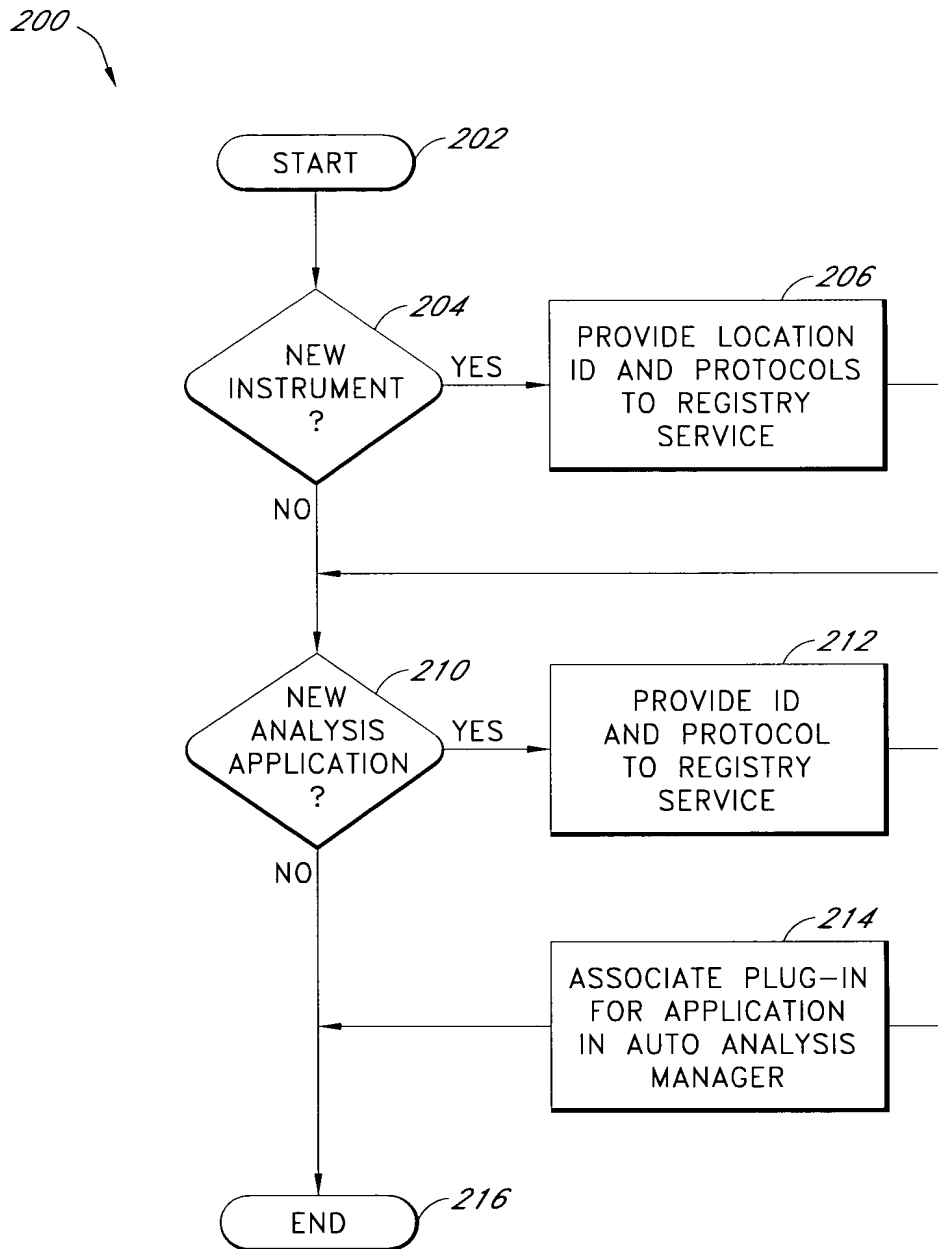


FIG. 2

3/10

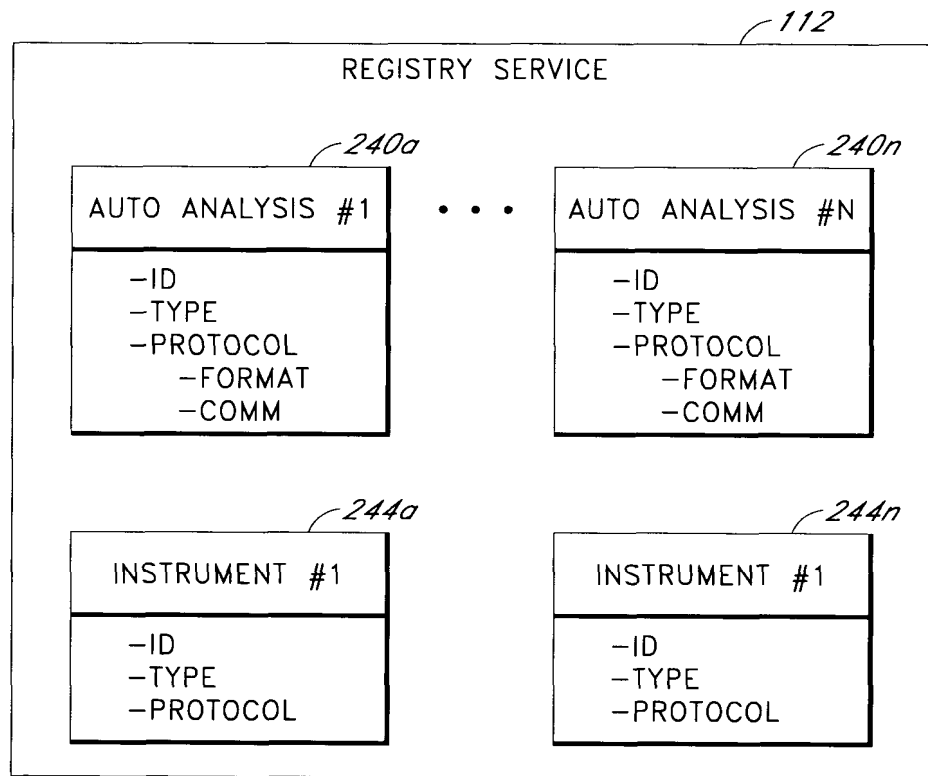


FIG. 3

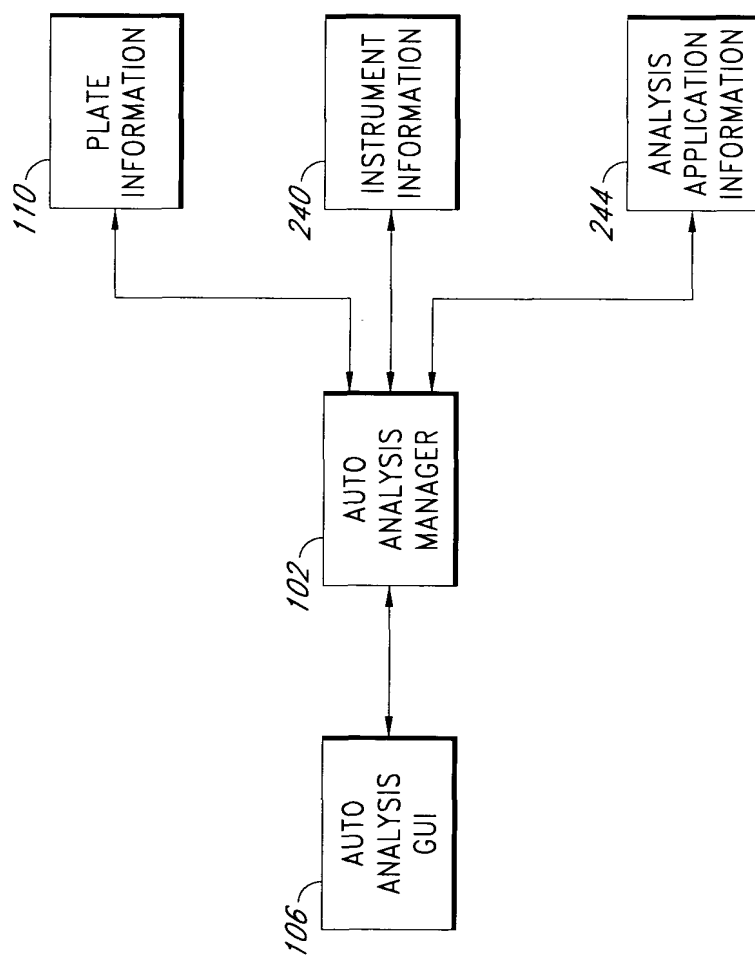


FIG. 4A

5/10

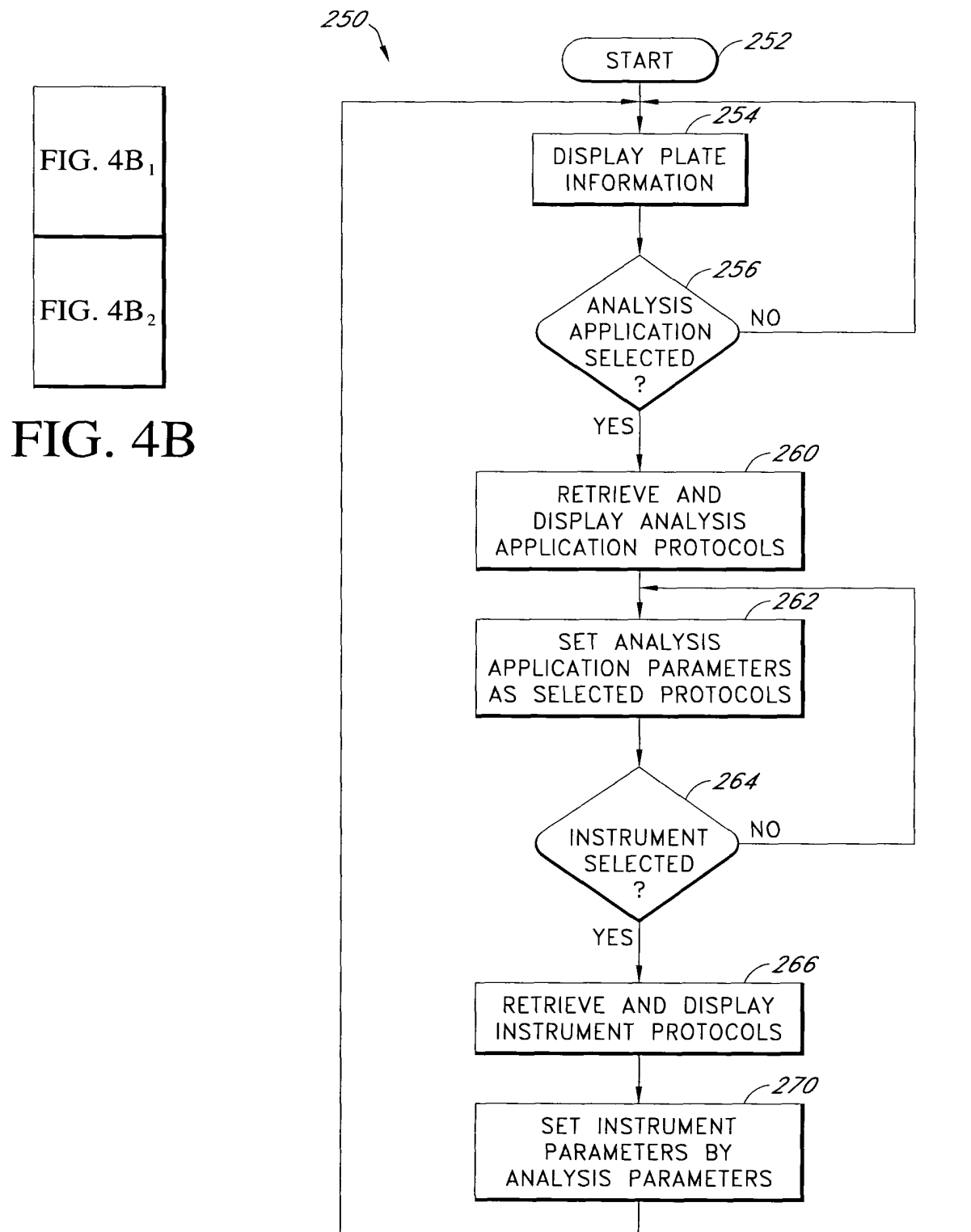


FIG. 4B₁

6/10

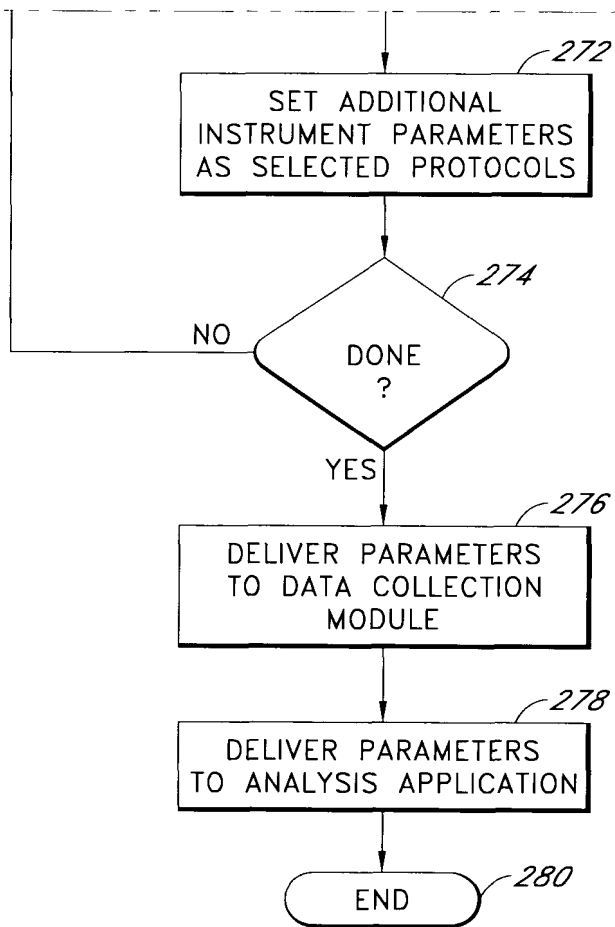


FIG. 4B₂

AUTO-ANALYSIS FRAMEWORK FOR SEQUENCE EVALUATION

Thomas E. Birkett

Appl. No.: Unknown Atty Docket: ABIOS.037A

7/10

Plate Editor
X

File Edit

Plate Name: GeneMapper_001
Operator: _____

Plate ID: 100
Owner: _____

Well	Sample Name	Comment	Sample Type	Analysis Group	Standard Dye	Panel	Size Standard
A1	Sample_001		Sample	Project_001	Red	LMS_Panel01	GS500
B1	Sample_002		Control	Project_001	Red	LMS_Panel01	GS500
C1	Sample_003		Ladder	Project_001	Red	LMS_Panel01	GS500
D1	Sample_004		Sample	Project_001	Red	LMS_Panel01	GS500
E1	Sample_005		Sample	Project_001	Red	LMS_Panel01	GS500
F1	Sample_006		Sample	Project_001	Red	LMS_Panel01	GS500
G1	Sample_007		Sample	Project_001	Red	LMS_Panel01	GS500
H1	Sample_008		Sample	Project_001	Red	LMS_Panel01	GS500
A2	Sample_009		Sample	Project_001	Red	LMS_Panel01	GS500
B2	Sample_010		Sample	Project_001	Red	LMS_Panel01	GS500
C2	Sample_011		Sample	Project_001	Red	LMS_Panel01	GS500
D2	Sample_012		Sample	Project_001	Red	LMS_Panel01	GS500
E2	Sample_013		Sample	Project_001	Red	LMS_Panel01	GS500
F2	Sample_014		Sample	Project_001	Red	LMS_Panel01	GS500
G2	Sample_015		Sample	Project_001	Red	LMS_Panel01	GS500
H2	Sample_016		Sample	Project_001	Red	LMS_Panel01	GS500
A3	Sample_017		Sample	Project_001	Red	LMS_Panel01	GS500
B3	Sample_018		Sample	Project_001	Red	LMS_Panel01	GS500

Description: _____

AutoAnalysis
☐ Automatically analyze the samples on this plate.

GeneMapper 3.0 Installation: _____
 Username: _____
 Password: _____

Plate Editor
X

File Edit

Plate Name: GeneMapper_001
Operator: _____

Plate ID: 100
Owner: _____

Well	Analysis Group	Standard Dye	Panel	Size Standard	Run Protocol	Analysis Protocol
A1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
B1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
C1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
D1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
E1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
F1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
G1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
H1	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
A2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
B2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
C2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
D2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
E2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
F2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
G2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
H2	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
A3	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001
B3	Project_001	Red	LMS_Panel01	GS500	RP_001	AP_001

Description: _____

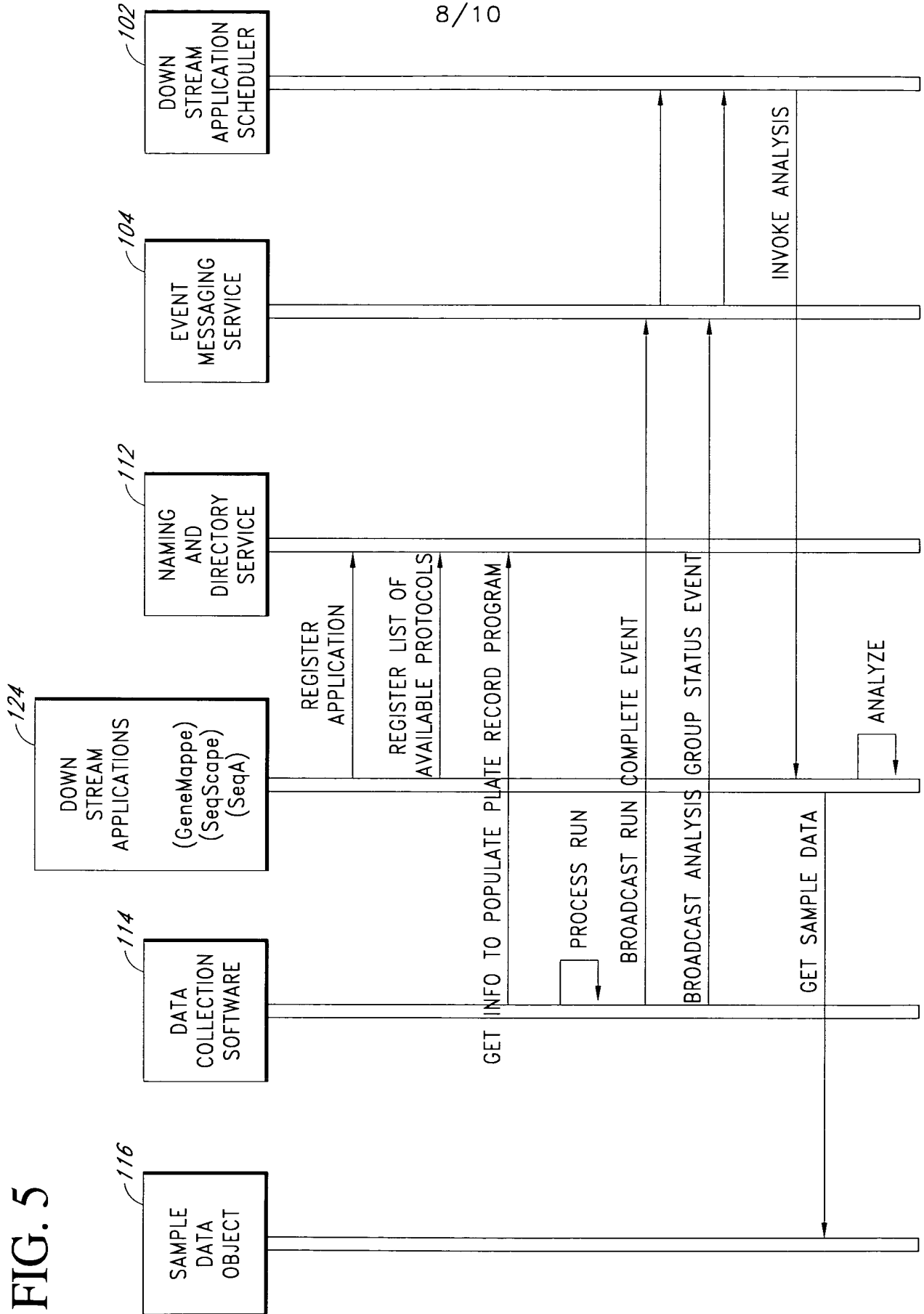
AutoAnalysis
☐ Automatically analyze the samples on this plate.

GeneMapper 3.0 Installation: _____
 Username: _____
 Password: _____

FIG. 4C

8/10

FIG. 5

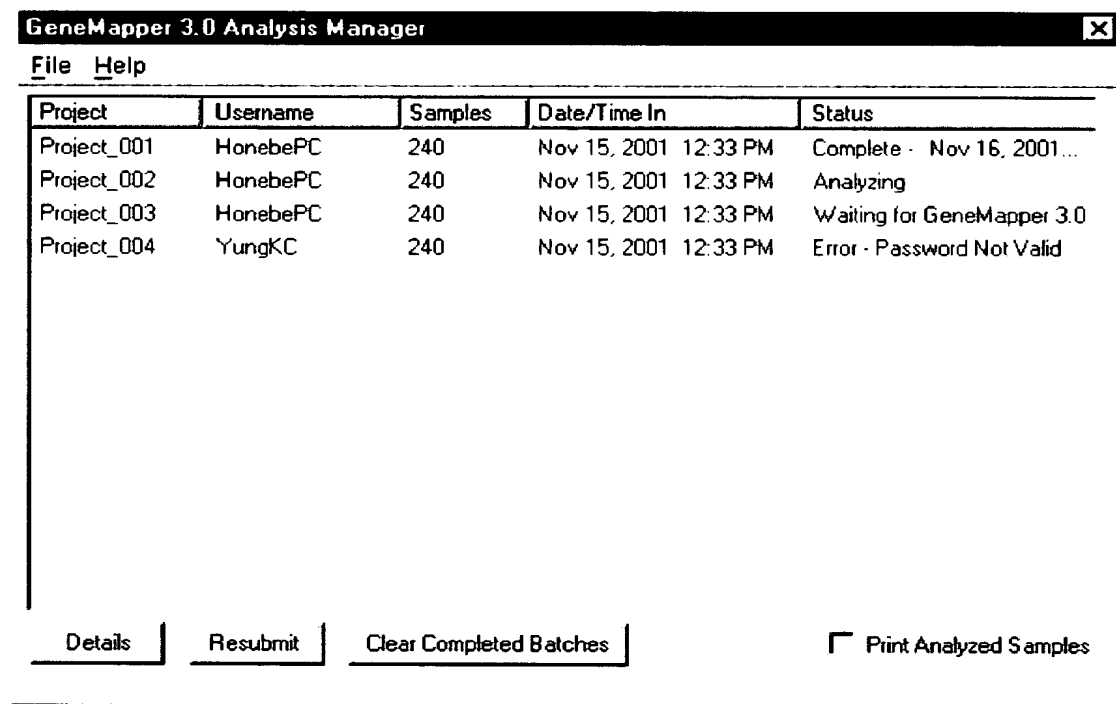


AUTO-ANALYSIS FRAMEWORK FOR SEQUENCE EVALUATION

Thomas E. Birkett

Appl. No.: Unknown Atty Docket: ABIOS.037A

9/10



The screenshot shows the 'GeneMapper 3.0 Analysis Manager' window. It has a menu bar with 'File' and 'Help'. Below the menu bar is a table with five columns: 'Project', 'Username', 'Samples', 'Date/Time In', and 'Status'. The table contains four rows of data. At the bottom of the window, there are four buttons: 'Details', 'Resubmit', 'Clear Completed Batches', and a checkbox labeled 'Print Analyzed Samples'.

Project	Username	Samples	Date/Time In	Status
Project_001	HonebePC	240	Nov 15, 2001 12:33 PM	Complete - Nov 16, 2001...
Project_002	HonebePC	240	Nov 15, 2001 12:33 PM	Analyzing
Project_003	HonebePC	240	Nov 15, 2001 12:33 PM	Waiting for GeneMapper 3.0
Project_004	YungKC	240	Nov 15, 2001 12:33 PM	Error - Password Not Valid

Details Resubmit Clear Completed Batches ☐ Print Analyzed Samples

FIG. 6A

10/10

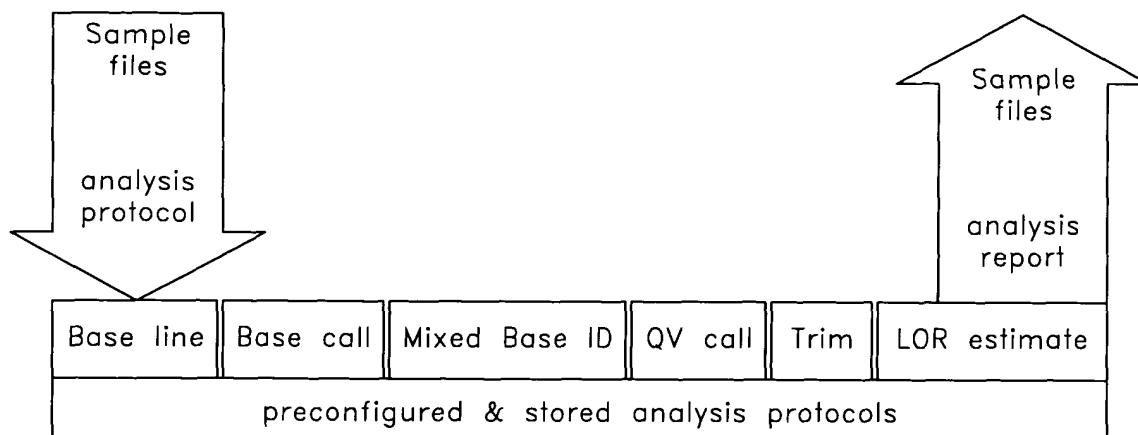


FIG. 6B

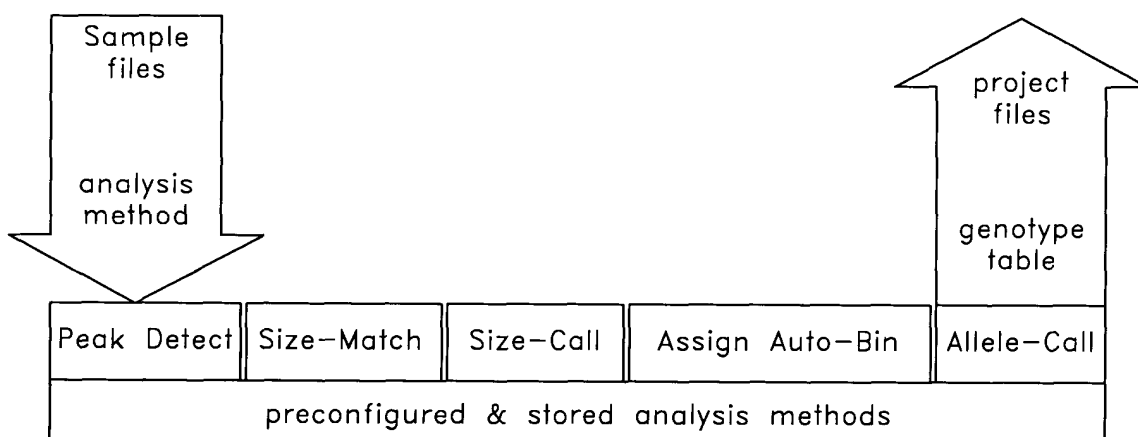


FIG. 6C

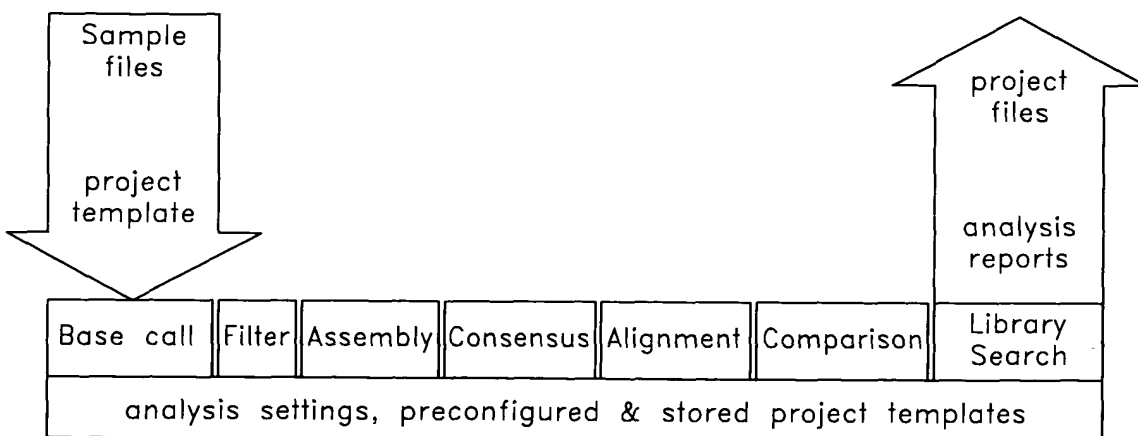


FIG. 6D